Attorney Docket Number	32714/JEC %
Application Number	09/120,488
Filing Date	July 21, 1998
Applicant(s)	Ronald Alexander, et al.
	2711
	N. Flynn
	Application Number

		U.S	. PATENT DOCUMENT	18		
EXAMINER	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
INITIALS	5,589,892	12/1996	Knee et al.	348	731	<u></u>
FP	5,592,551	1/1997	Lett et al.	380	20	
FP	5,602,596	2/1997	Claussen et al.	348	564	
FP FP	5,619,249	4/1997	Billock et al.	348	7	
FP	5,675,752	10/1997	Scott et al.	395	333	
	0,010,10					
				<u> </u>		-
	 					

		FOREIG	N PATENT DOCUMEN	TS			
				Ì	1	TRANS	LATION
EXAMINER	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO
INITIALS	0 550 911	12/1992	EPO				
						<u> </u>	
					<u> </u>		ــــــــــــــــــــــــــــــــــــــ

	OTHER DOCUMENTS
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
1	

EXAMINER	/Fred Peng/	DATE CONSIDERED	06/12/2006
SIGNATURE EXAMINER: I	nitial if reference considered, whether or not citation is in confor	mance with MPE	P 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next of Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FORM PTO-1449 32714/LTR Attorney Docket Number 09/120,488 Application Number INFORMATION Filing Date July 21, 1998 STATEMENT BY APPLICANT Applicant(s) Ron Alexander, et al. Group Art Unit 2711 (use as many sheets as necessary) Examiner Name N. Flynn

EXAMINERI (III.!ALS	DOCUMTANT NUMBER	ISSUE DATE	PATENTEE	C! Alis	SUBCLASS	FILING DATE
N	5212553	05/1993	Maruoka	358	188	
-4	5353121	10/1994	Young et al.	348	563	
	5398074	03/1995	Duffield et al.	348	564	
	5432561	07/1995	Strubbe	348	565	
	5434626	07/1995	Hayashi et al.	348	569	
	5452012	09/1995	Saitoh	348	563	•
	5528304	06/1996	Cherrick et al.	348	565	
	5559548	09/1996	Davis et al.	348	6	
;	5585866	12/1996	Miller et al.	348	731	<u></u>
	5606374	02/1997	Bertram	348	565	
	5635978	06/1997	Alten et al.	348	7	
	5694176	12/1997	Bruette et al.	348	563	
	5699125	12/1997	Rzeszewski et al.	348	563	• .
	5737028	04/1998	Bertram et al.	348	563	
·	5760821	V6/1998	Ellis et al.	348	10	
	5781246	07/1998	Alten et al.	348	569	
	5790202	03/1998	Kummer et al.	348	553	
	5793438	08/1998	Bedard	348	569	:
	5301747	09/1998	Bedard	348	ı	
	5808694	09/1998	Usui et al.	348	569	
	5828420	10/1998	Marshall et al.	348	564	
	5814620	12/1998	Coleman et al.	348	461	
	5867227	02/1999	Yamaguchi	348	564	
	5903314	05/1999	Niijima et al.	348	564	
W	59!7481	06/1999	Rzeszewski et ai.	345	327	

		 	· · · · · · · · · · · · · · · · · · ·	
EXAMINI-R SIGNATURE	MI	 DATE CONSIDERED	8. 119/cv	

EXA'INER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line Grouph citation if not in conformance and no considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

•	(/			نت	5	•	6						Si	neet l	
FORM PTO-1	149		056	0	71	338	S S		·	DOCKET NO 32714/LTR	/ATTY.	APPLICATIO	N NO.			
INF	ORM	ΑT			54 7 A	SC PI		OSURE STATE ICANT	EMENT	APPLICANT Ron Alexand	ler, et al.					
		(U	se s	eve	eral	sb	ee	ets if necessary)		FILING DAT July 21, 1998		GROUP Group	tC 0	0 19 27(
						_	_	U.S. P.	ATENT DOCUM	MENTS				<u>.</u>		
EXAMINER INITIAL					EN ER	r		ISSUE DATE	PATEN	TEE .	CLASS	SUBCLASS	FILII APPR	IF		
W	5	0	3	6	3	ı	4	07/1991	Barillari et al.		340	717				
	5	1	0	5	1	В	4	04/1992	Pirani et al.		340	721				
	5	1	5	5	5	9	1	10/1992	Wachob		358	86				
	5	2	2	3	9	2	4	06/1993	Strubbe		358	86				
	/ ₅	2	3	3	4	2	3	08/1993	Jernigan et al.		358	181				
	5		1	9	4	4	5	06/1994	Fitts	356	376					
	⁷ 5	3	2	5	1	В	3	06/1994	Rhee	348	528					
	7 5	3	7.	7	3	1	7	12/1994	Bates et al.	395	157					
	5	4	1	0	3	4	4	04/1995	Graves et al.		348	1				
V								FOREIGI	N PATENT DOC	CUMENTS				1		
					EN ER	Т		PUBLICATION DATE	COUNTR PATENT C		CLASS	SUBCLASS	TRAN		NO	
					Ţ]										
		Н	\dashv	4	\perp	4	4					·				
		Ŀ		4	4	4	_									
· · · · · · · · · · · · · · · · · · ·			4	_	4	4										
			\perp						<u> </u>		<u> </u>		l			
									HER DOCUME							
								(Including Auth	or Title Date Per	tinent Pages, e	(c)	.				
								\\	··				· 			
				-								······································				
EXAMINER		1	[_	1	 .⁄_			1/1		DATE CONS	IDERED	9/30/2				
EXAMINER: 1	nitial i	if re	efer not	en co	ce o	on: ler	sid ed	lered, whether or i	not station is in con his form with next	nformance with communication	MPEP 60 to applica	9: Draw line t	·	citat	ion if	

		+	-4	ŒC	_0	7	199	1 6					•	5	heet
FORM PTO-1	449	/3		31	R.	new	BA)	LOSURE STAT		DOCKET NO 32714/LTR	ATTY.	APPLICATI 09/120,488			
INE	FORM	[A'	П	OÑ E	γ 3Y	A)	PP	LOSURE STAT LICANT	EMENT	APPLICANT Ron Alexan			RE(DEC Grou	E	IVE
		π	Jse	se	ve	ral	she	ets if necessary)		FILING DAT July 21, 199	E 3	GROUP 2711	One.	0-8	1998
								U.S. P	ATENT DOCUM	ÆNTS			/ЗЮ Г	lp 2	2700
EXAMINER INITIAL			OC NU			NI R	`	ISSUE DATE	PATEN	LEE .	CLASS	SUBCLASS	1 1	IF	DATE
m	/5	4	4	0	6	7	8	08/1995	Eisen et al.		395	154	70.14	OFK	TAIE
	7 5	4	7	9	4	9	7	12/1995	Kovarik		379	265		 -	
	5	5	2	3	7	9	6	06/1996	Marshall et al.		348	589		\vdash	
· ·	5	5	2	4	1	9	5	06/1996	Clanton, III et al.	_	395	155		†	
	5	5	2	6	0	3	4	06/1996	Hoarty et al.		348	7		1	
	5	5	3	4	9	1	1	07/1996	Levitan		348	1		1	
	5	5	4	1	6	6	2	07/1996	Adams et al.		348	460		1	,
-\}_	5	 	5	7	3	3	8	09/1996	Maze et al.		348	565		T	
	⁷ 5	5	5	9	5	4	8	09/1996	Davis et al.		348	6		\vdash	\neg
								FOREIGN	N PATENT DOC	UMENTS					
*						NT		PUBLICATION	COUNTRY	YOR	-		TRAN	SLA	LION
			W	VIII —	E	R		DATE	PATENT O		CLASS	SUBCLASS	YES		NO
			4	\dashv		Ц	Ц	· ·							
			4	_	_	Ц								\neg	$\neg \neg$
			4	_		Ш									
			4	4	_	Ц	4								
			_1			لــا	_							\neg	
								OTE	HER DOCUMEN or Title Date Perti	TS					
									u, me, mar, rem	nem. Pages, erc	<u> </u>				-+
EXAMINER	14		1		<u> </u>		_			DATE CONSII	DERED	31/01			
EXAMINER: In	itial if	re	fere	eng		con-	sta	ered, whether or no	ot citation is in confo	ormance with h		1111			
not in conforma	nce an	ld r	10t	ÇØI	isi	der	od:	Include copy of th	is form with next co	mmunication t	o applican	it.	rougn ¢	ıcauc	ן עומי

FORM PTO-	1449		7	_	_	<u> </u>		1888 (2)		7				Shee
IN	OR	MA	ן ידע		Š.	ום	·S(1998 6 LOSURE STA		DOCKET 32714/LTI	₹	APPLICAT 09/120,488	YON NO.	
								DICATAL	PEMENT APPLICANT Ron Alexander, et al				REC	EIVI
			Us	8 9	eve	era	da l	eets if necessary)		FILING DA July 21, 19	ATE 98	GROUP 2711	DEC	0 8 19
	·		_	_				U.S.	PATENT DOCUM	ŒNTS			Grou	p 27(
EXAMINER INITIAL		D	O(CU JM	MI	en er	Т	ISSUE DATE	PATENTEE CLASS			SUBCLASS	FILIN	G DATE
W	5 5 5 9 5 4 9 09/1996				1 9	09/1996	Hendricks et al.	Handrick			APPRO	F PRIATE		
		5 5	5	9	5	<u> </u>	0	09/1996	Mankovitz		348	6		
			8	3	5	6	0	12/1996	Florin et al.		348	6		
	7 5	5	8	5	8	3	8	12/1996	Lawler et al.		348	7		
	5	5	9	4	5	0	9	01/1997	Florin et al.		348	13		
	/ 5	6	0	0	3	6	4	02/1997	Hendricks et al.		348	731		•
-	5	6	2	1	4	5	6	04/1997	Florin et al.		348	1		
MI	15	6	2	9	7	3	3	05/1997	Youman et al.		348	.7		
<u> </u>								FOREIGN	PATENT DOCU	MENTS	348	7		
		DO N	CU					PUBLICATION DATE	COUNTRY PATENT OF	OR FICE	CLASS	SUBCLASS	TRANSL	ATION
		+	4	4	\downarrow	4	4				- CLARIDO	BOBCLASS	YES	NO
	\dashv	+	+	+	4	4	4							
	+	+	╀	+	4	4	1							
	-	╀	╀	╀	\downarrow	4	\downarrow							
L			L	L	L				9					
								ОТН	ER DOCUMENT	L S	<u>-</u>			
							_	uncluding Author	Title Date Pertine	nt Pages, etc.	<u>. </u>			
					_									
MINER		1	7_											
· · ·	1:5		1	_	_	Z	_	7	DA citation is in conform form with next comm	TE CONSID	ERED	199		
MINER Initi				- 4	_	-	_	. /	citation is in conform form with next comm		• / //	'./		

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE MRK/srs

· · ·			,	Ź	۾َ	1	<u>;</u>	12						Sheet 4
FORM PTO-	1449			•	OFC	0	7	888 <u>(</u> 2)		DOCKET NO 32714/LTR	OJATTY.	APPLICATION 120,488	ON NO.	
IN	FORM	ľA		Ŋ	DI Y_A	S(S)	CI P	LOSERE STAT LLOSANT	EMENT ·	APPLICANT Ron Alexan			RECE	
<u> </u>		ധ	se s	ev	-		he	ets if necessary)		FILING DAT July 21, 199		GROUP 2711	DEC 0	8 1998
								U.S. P	PATENT DOCUM		Group	2700		
EXAMINER INITIAL			OCU					ISSUE DATE	PATENTEE CLASS			SUBCLASS	FILING IF APPROP	•
2	1 5	6	3	0	1	1	9	05/1997	Aristides et al.	· · · · · · · · · · · · · · · · · · ·	395	601		TUTTE
	5	6	3	5	9	7	8	06/1997	Alten et al.		348	7		
	5	6	3	5	9	8	9	06/1997	Rothmuller		348	563		
		6	5	0	8	2	6	07/1997	Eitz		348	468	· ·	
	15	6	5	2	6	1	3	07/1997	Lazarus et al.		348	7		
	5	6	5	2	6	1	5	07/1997	Bryant et al.		348	9		
	√ ₅	6	6	1	5	1	6	08/1997	Carles		348	8		
	5	6	6	6	4	9	8	09/1997	Amro		345	342		
		6	8	9	6	6	6	11/1997	Berquist et al.		395	345		
	5	7	1 (0	6	<u>o</u>	1	01/1998	Marshall et al.		348	564		
							•	FOREIGN	N PATENT DOC	UMENTS				
			CU			r		PUBLICATION	COUNTR	Y OR			TRANSLA	ATION
		N	UM	B)	ER	_	4	DATE	PATENT O	FFICE	CLASS	SUBCLASS	YES	NO
		4	_	1	4	4	4				•			
	-	4	4	4	4	4	4							
		4	_	4	4	4	4							
		4	+	1	+	4	4							
		_			Ŀ	\perp	_			·				i i
								Ol'I	HER DOCUMEN	TS .				
		•							IL CLE, Date, Pern	nent Pages, et	c.)			
EXAMINER		/		Í	2					DAMP GOVE				
	1	_	_		1	/	_	7		DATE CONSI		9/301	907	
EXAMINER: I	nitial if	rei	lere	nc	و دن	R3	riti	ered, whether or no	ot citation is in conf	ormance with	MPEP 609); Draw line th	rough citat	lion if
PTU Rev. 1/98)	411			~11	-51U	-11	. المان	include copy of th	is form with next co	mmunication	to applicat	nt.		



				<u></u>	Ŷ2	<u>. </u>		AUGHREE						meet .
FORM PTO-1	449				`	WT.	4 17	AUC		DOCKET NO 32714/LTR	O./ATTY.	APPLICATIO 09/120,488	ON NO	
INF	ORM	ľA	ric					OSURE STATI LICANT	EMENT	APPLICANT Ron Alexan				
		Œ	se	sev	/er	al s	he	ets if necessary)		FILING DAT July 21, 199		GROUP 2711		
								U.S. P	ATENT DOCUM	MENTS				
EXAMINER INITIAL				UN IMI		NT R		ISSUE DATE	PATEN	PATENTEE CLAS			FILING IF	
W	5	5	8	5	8	6	6	12/1996	Miller et al.		348	731 ·		
	√ 5	6	5	0	8	3	1	07/1997	Farwell		348	734		
<u> </u>	5	7	3	4	8	5	3	03/1998	Hendricks et al.		395	352		
		┝	-	┞	L	╀	╀				<u> </u>			
		┝	-	\vdash	├	H	╁	-		 				
		H	-	\vdash	H	H	╁				 	P		
		-		H	\vdash	┢	十				 	171	R 3 U 19	En
		T	一	厂		┢	T			1	 		R 3 U 19	00
		1		٠	٠	٠		FOREIGN	V PATENT DOC	TIMENITS		Gro	oup 270	-
							_		I I I I I I I I I I I I I I I I I I I		1			
				UM ME		NT R		PUBLICATION DATE	COUNTR PATENT C		CLASS SUBCLASS	TRANSLA	{	
		Γ	<u> </u>	Г		Τ	Γ				CLEADO	BOBOLASS	YES	NO
		-	-	H	-	┢	\vdash				 		 -	
			\vdash	十	-	\vdash	H			······································	 			
			H	一	L	Г					 			-
			r	T	T	Γ	T				 			
		·			-				HER DOCUME		etc)			
								-	~ 					
	L	-7								T			,	
EXAMINER	Ł	_	4	′ ≥	S					DATE CONS	SIDERED	9/30/	9 /-	
EXAMINER:	Initial i	if (n	efe	ren t o	ee ons	cor ide	isio	lered, whether or n	ot citation is in con nis form with next o	nformance with	n MPEP 60	9; Draw line that	hrough cita	tion if
			_								· ~ applica			

(PTU Rev. 1/98)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

LTR/srs

FORM PTO-1449	INC 1 9 1999	Attorney Docket Number	82714/LTR
	A THEOLINE	Application Number	09/120,488
INFORMATIO	N DISCLOSURE	Filing Date	July 21, 1998
STATEMENT	BY APPLICANT	Applicant(s)	Ron Alexander, et al.
		Group Art Unit	2711
(use as many s	heets as necessary)	Examiner Name	To be assigned

	U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
10	5,398,074	3/1995	Duffield et al.	348	564		
100							
						·	
		ļ -			·		
		·			<u> </u>		
		<u> </u>	*				
				<u> </u>			
				<u>-</u>			
	1			_1	İ		

FOREIGN PATENT DOCUMENTS								
TRANSLAT								
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	МО	
				Τ				

	OTHER DOCUMENTS						
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.						

EXAMINER SIGNATURE		DATE CONSIDERED	9/30/9e
	nitial if reference considered, whether or not citation is in conform and not considered. Include copy of this form with next communicat		9; Draw line through citation if not in

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Sheet 1 of 1

FORM PTO-1449	Attorney Docket Number	39674/JEC/I148		
	Application Number	09/595,216		
INFORMATION DISCLOSURE	Filing Date	June 16, 2000		
STATEMENT BY APPLICANT	Applicant(s)	Thomas E. Ward, III, et al.		
	Group Art Unit	2743		
(use as many sheets as necessary)	Examiner Name	To be assigned		

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		<u> </u>					
						·	
	·						
	·						

FOREIGN PATENT DOCUMENTS							
						TRANSLATION	
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO
PP	WO 96/07270 A1	03/1996	WIPO			·	
FP	WO 96/41477	12/1996	WIPO				
FP	WO 97/49242	12/1997	WIPO				
FP	0 762 751	03/1997	EPO				

OTHER DOCUMENTS							
EXAMINER Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, s symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
-:							

EXAMINER SIGNATURE	/Fred Peng/	DATE CONSIDERED	06/12/2006						
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									
Patent and Trademark Office;	Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE								

JEC/daa DAA PAS341879.1-*-4/11/01 2:58 PM

FORM PTO-1449	Attorney Docket Number	39674 /JEC/I148
THEODIA MION DISCLOSURE	Application Number	09/595,216
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	June 16, 2000
STATEMENT BY ATTEMORY	Applicant(s)	Thomas E. Ward III, et al.
(use as many sheets as necessary)	Group Art Unit	2743
	Examiner Name	To be assigned /

	U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
FP	5,610,653	03/1997	Abecassis	348	110			
FP	5,617,565	04/1997	Augenbraun et al	395	604			
FP	5,623,613	04/1997	Rowe et al	395	353			
FP	5,629,733	05/1997	Youman et al	348	7			
FP	5,635,978	06/1997	Alten et al	348	7			
FP	6,177,931	01/2001	Alexander et al.	345	327			

FOREIGN PATENT DOCUMENTS							
						TRANSLATION	
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO
FP	0 762 751	03/1997	EPO				
FP	0 834 798	04/1998	EPO				
FP	0 854 645	07/1998	EPO				
FP	WO 96/07270	03/1996	WIPO				
FP	WO 96/17473	06/1996	WIPO	_4			
FP	WO 96/31980	10/1996	WIPO				
FP	WO 96/41477	12/1996	WIPO		<u> </u>		
FP	WO 97/13368	04/1997	WIPO				
FP	WO 97/49242	12/1997	WIPO				
FP	WO 98/27723	06/1998	WIPO				<u> </u>

EXAMINER SIGNATURE	/Fred Peng/	DATE CONSIDERED	06/07/2006				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

		·
FORM PTO-1449	Attorney Docket Number	39674/JEC/I148
INFORMATION DISCLOSURE	Application Number	09/595,216
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	June 16, 2000
STATEMENT BY ALT LICANT	Applicant(s)	Thomas E. Ward III, et al.
(use as many sheets as necessary)	Group Art Unit	2743
	Examiner Name	To be assigned

FOREIGN PATENT DOCUMENTS							
						TRANS	LATION
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO
· FP	WO 98/43183	10/1998	WIPO				

	OTHER DOCUMENTS
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
FP	Supplementary European Search Report for Application No. EP 98 93 5889, completed on September 28, 2001

DAA PAS404792.1-*-12/28/01 4:12 PM

EXAMINER SIGNATURE	/Fred Peng/	DATE CONSIDERED	06/07/2006			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in						